

ABSTRACT OF THE DISCLOSURE

5 An optical demultiplexing system demultiplexes a multiplex which has at least three levels of granularity and includes m interleaved bands of wavelengths each of which includes p wavelengths. The system includes a 1-to- m deinterleaving demultiplexer for demultiplexing the multiplex into m bands of wavelengths and a 1-to- p deinterleaving demultiplexer for demultiplexing each of the m bands into p wavelengths. The numbers m and p are mutually prime.